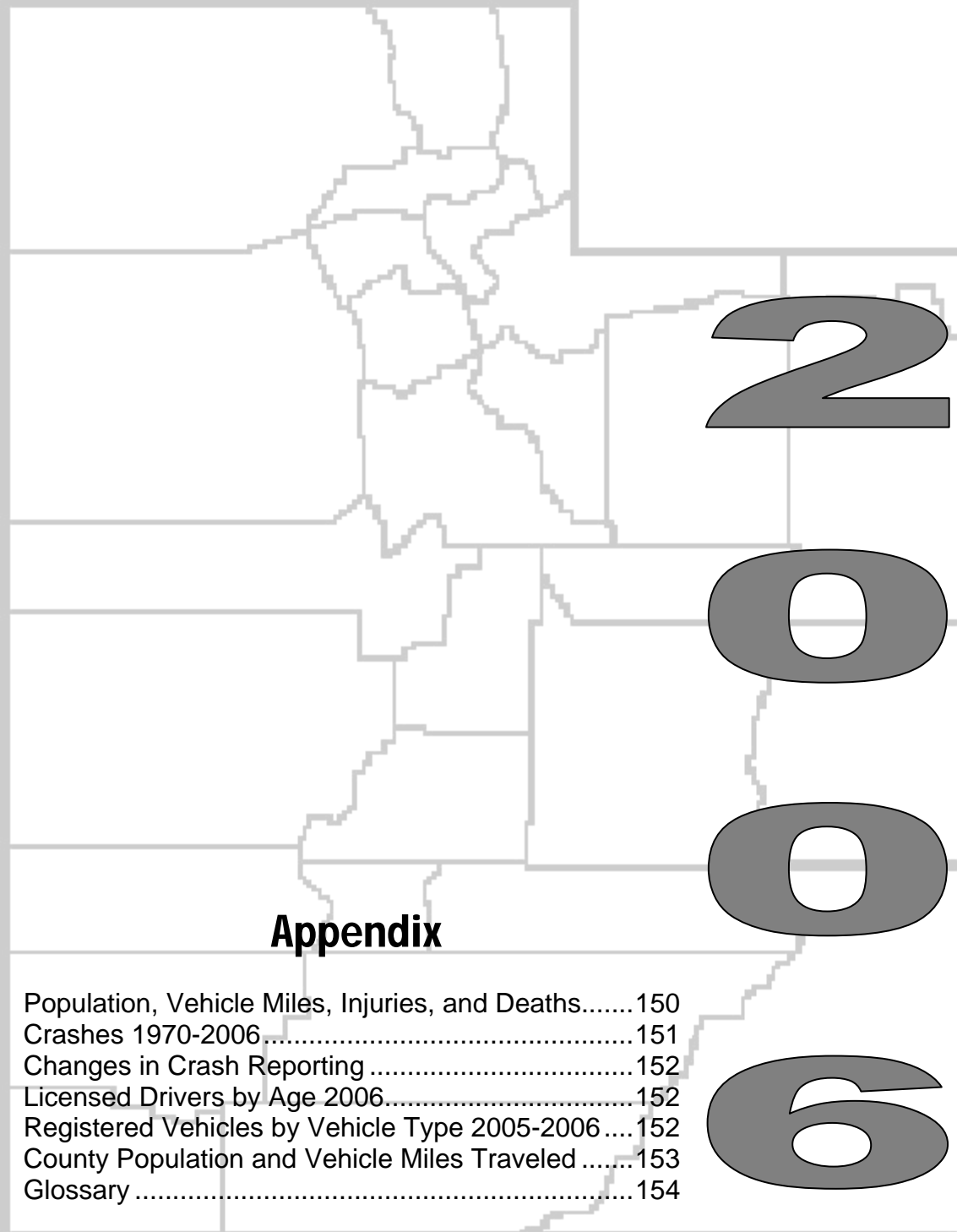


# Appendix



**2006**

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## Historical Persons and Crashes

### Population, Vehicle Miles Traveled, Injuries, and Deaths (Utah 1970-2006)

Persons						
Year	Population	Vehicle Miles Traveled (VMT)	Injuries		Deaths	
			#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT
1970	1,066,000	6,108,000,000	17,076	279.6	335	5.48
1971	1,101,150	6,544,000,000	18,073	276.2	337	5.15
1972	1,135,100	6,969,000,000	18,261	262.0	382	5.48
1973	1,168,950	7,274,000,000	18,415	253.2	361	4.96
1974	1,196,950	7,457,000,000	16,268	218.2	228	3.06
1975	1,233,900	7,942,000,000	17,762	223.6	274	3.45
1976	1,272,050	8,420,000,000	18,315	217.5	254	3.02
1977	1,315,950	9,054,000,000	19,728	217.9	360	3.98
1978	1,363,750	9,826,000,000	21,029	214.0	376	3.83
1979	1,415,950	9,811,000,000	20,798	212.0	328	3.34
1980	1,474,000	10,645,000,000	17,828	167.5	335	3.15
1981	1,515,000	10,733,000,000	18,090	168.5	364	3.39
1982	1,558,000	10,947,000,000	17,538	160.2	296	2.70
1983	1,595,000	11,228,000,000	18,910	168.4	283	2.52
1984	1,622,000	11,642,000,000	20,487	176.0	315	2.71
1985	1,643,000	12,035,000,000	21,346	177.4	303	2.52
1986	1,663,000	12,253,000,000	21,350	174.2	312	2.55
1987	1,678,000	12,679,000,000	19,237	151.7	297	2.34
1988	1,690,000	13,229,853,875	19,066	144.1	297	2.24
1989	1,706,000	13,933,977,565	19,843	142.4	303	2.17
1990	1,729,227	14,649,064,030	20,608	140.7	272	1.86
1991	1,780,870	15,390,400,930	19,540	127.0	271	1.76
1992	1,838,149	16,263,289,670	22,490	138.3	269	1.65
1993	1,889,393	17,055,044,750	25,763	151.1	303	1.78
1994	1,946,721	18,091,944,321	28,436	157.2	343	1.90
1995	1,995,228	18,798,488,669	28,343	150.8	325	1.73
1996	2,042,893	19,433,341,748	30,711	158.0	321	1.65
1997	2,099,409	20,407,590,239	31,238	153.1	366	1.79
1998	2,141,632	21,236,980,216	30,232	142.4	350	1.65
1999	2,193,014	21,867,355,694	29,959	137.0	360	1.65
2000	2,246,553	22,517,131,427	30,086	133.6	373	1.66
2001	2,295,971	23,398,734,621	29,375	125.5	291	1.24
2002	2,338,761	24,438,992,554	30,433	124.5	328	1.34
2003	2,385,358	23,963,242,376	28,352	118.3	309	1.29
2004	2,469,230	24,641,658,091	29,638	120.3	296	1.20
2005	2,547,389	25,129,538,952	29,221	116.3	282	1.12
2006	2,615,129	26,166,885,473	27,257	104.2	287	1.10
<b>Total</b>	<b>64,968,677</b>	<b>552,180,515,201</b>	<b>851,102</b>	<b>154.1</b>	<b>11,686</b>	<b>2.12</b>

**POPULATION SOURCE:** State of Utah Population Estimates, Demographic & Economic Analysis, [www.governor.utah.gov/dea](http://www.governor.utah.gov/dea)

**VEHICLE MILES TRAVELED SOURCE:** Utah Highway Performance Monitoring System, [www.udot.utah.gov](http://www.udot.utah.gov)

## Historical Persons and Crashes

### Crashes (Utah 1970-2006)

Crashes									
	Vehicle Miles	Property Damage Only		Injury		Fatal		Total	
	Traveled (VMT)	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT	#	Rate Per 100 Million VMT
1970	6,108,000,000	24,168	395.7	10,722	175.5	276	4.52	35,166	575.7
1971	6,544,000,000	27,429	419.1	11,399	174.2	280	4.28	39,108	597.6
1972	6,969,000,000	27,914	400.5	11,630	166.9	312	4.48	39,856	571.9
1973	7,274,000,000	26,220	360.5	11,710	161.0	304	4.18	38,234	525.6
1974	7,457,000,000	20,637	276.7	10,560	141.6	204	2.74	31,401	421.1
1975	7,942,000,000	24,740	311.5	11,441	144.1	245	3.08	36,426	458.7
1976	8,420,000,000	22,435	266.4	11,685	138.8	225	2.67	34,345	407.9
1977	9,054,000,000	25,562	282.3	12,652	139.7	310	3.42	38,524	425.5
1978	9,826,000,000	28,946	294.6	13,423	136.6	315	3.21	42,684	434.4
1979	9,811,000,000	26,732	272.5	13,449	137.1	287	2.93	40,468	412.5
1980	10,645,000,000	21,589	202.8	11,701	109.9	292	2.74	33,582	315.5
1981	10,733,000,000	23,844	222.2	11,824	110.2	321	2.99	35,989	335.3
1982	10,947,000,000	26,425	241.4	11,504	105.1	263	2.40	38,192	348.9
1983	11,228,000,000	28,419	253.1	12,317	109.7	253	2.25	40,989	365.1
1984	11,642,000,000	33,738	289.8	13,477	115.8	274	2.35	47,489	407.9
1985	12,035,000,000	33,684	279.9	13,917	115.6	270	2.24	47,871	397.8
1986	12,253,000,000	32,426	264.6	13,988	114.2	276	2.25	46,690	381.0
1987	12,679,000,000	33,386	263.3	13,599	107.3	271	2.14	47,256	372.7
1988	13,229,853,875	35,614	269.2	13,377	101.1	258	1.95	49,249	372.3
1989	13,933,977,565	37,110	266.3	13,941	100.1	269	1.93	51,320	368.3
1990	14,649,064,030	37,823	258.2	14,632	99.9	236	1.61	52,691	359.7
1991	15,390,400,930	33,443	217.3	13,763	89.4	229	1.49	47,435	308.2
1992	16,263,289,670	34,760	213.7	15,665	96.3	235	1.44	50,660	311.5
1993	17,055,044,750	38,357	224.9	17,088	100.2	259	1.52	55,704	326.6
1994	18,091,944,321	40,243	222.4	18,726	103.5	302	1.67	59,271	327.6
1995	18,798,488,669	37,532	199.7	19,828	105.5	285	1.52	57,645	306.6
1996	19,433,341,748	40,225	207.0	20,988	108.0	284	1.46	61,497	316.5
1997	20,407,590,239	33,512	164.2	21,131	103.5	309	1.51	54,952	269.3
1998	21,236,980,216	34,337	161.7	19,427	91.5	308	1.45	54,072	254.6
1999	21,867,355,694	32,971	150.8	19,513	89.2	318	1.45	52,802	241.5
2000	22,517,131,427	33,269	147.7	19,564	86.9	318	1.41	53,151	236.0
2001	23,398,734,621	33,113	141.5	19,332	82.6	258	1.10	52,703	225.2
2002	24,438,992,554	33,542	137.2	19,552	80.0	274	1.12	53,368	218.4
2003	23,963,242,376	31,842	132.9	18,285	76.3	262	1.09	50,389	210.3
2004	24,641,658,091	34,222	138.9	19,423	78.8	260	1.06	53,905	218.8
2005	25,129,538,952	35,158	139.9	19,544	77.8	234	0.93	54,936	218.6
2006	26,166,885,473	37,749	144.3	18,189	69.5	249	0.95	56,187	214.7
<b>Total</b>	<b>552,180,515,201</b>	<b>1,163,116</b>	<b>210.6</b>	<b>562,966</b>	<b>102.0</b>	<b>10,125</b>	<b>1.83</b>	<b>1,736,207</b>	<b>314.4</b>

## Licensed Drivers, Registered Vehicles

### Changes in Crash Reporting

- 1991** Amount of property damage required for reportable crashes increased from \$400 to \$750.
- 1996** Amount of property damage required for reportable crashes increased from \$750 to \$1,000.
- 1997** Private property crashes excluded. Private property crashes accounted for approximately 10% of crashes in previous years.
- 2006** State of Utah Investigating Officer's Report of Traffic Crash DI-9 Form updated.

### Number of Licensed Drivers by Age (Utah 2006)

Licensed Drivers	
Driver Age	#
15-19	134,945
20-24	212,556
25-29	234,696
30-34	191,960
35-39	164,145
40-44	148,618
45-49	152,226
50-54	138,869
55-59	115,363
60-64	85,698
65-69	64,094
70-74	51,204
75-79	42,108
80-84	30,960
85+	25,222
<b>Total</b>	<b>1,792,664</b>

SOURCE: Utah Department of Public Safety, Driver License Division

### Number of Registered Vehicles by Vehicle Type (Utah 2005-2006)

Vehicles					
Year	Heavy Truck	Light Truck	Motorcycle	Passenger Car	Total
2005	58,645	552,931	43,271	1,205,430	<b>1,860,277</b>
2006	60,765	564,280	48,949	1,243,041	<b>1,917,035</b>
<b>Total</b>	<b>119,410</b>	<b>1,117,211</b>	<b>92,220</b>	<b>2,448,471</b>	<b>3,777,312</b>

SOURCE: Utah State Tax Commission, Economic and Statistical Unit

<b>County</b>
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## County Population and Vehicle Miles Traveled (Utah 2006)

County		
	Vehicle Miles	
County	Traveled	Population
Beaver	259,363,622	6,428
Box Elder	950,444,979	45,987
Cache	962,042,197	105,671
Carbon	293,236,490	19,504
Daggett	35,453,183	949
Davis	2,465,471,494	286,547
Duchesne	217,416,021	15,585
Emery	354,091,160	10,438
Garfield	117,190,331	4,772
Grand	278,740,313	9,024
Iron	675,134,992	43,424
Juab	408,596,690	9,315
Kane	139,181,086	6,294
Millard	466,147,966	13,230
Morgan	142,721,012	8,888
Piute	27,193,551	1,373
Rich	54,539,784	2,121
Salt Lake	8,555,082,596	996,374
San Juan	279,318,785	14,647
Sanpete	252,643,319	25,799
Sevier	429,945,803	19,984
Summit	733,056,452	36,871
Tooele	908,077,669	54,375
Uintah	352,421,358	27,747
Utah	3,647,327,465	475,425
Wasatch	296,594,189	21,053
Washington	1,268,127,699	134,899
Wayne	38,518,998	2,535
Weber	1,558,806,269	215,870
<b>Statewide</b>	<b>26,166,885,473</b>	<b>2,615,129</b>

VEHICLE MILES TRAVELD SOURCE: Utah Highway Performance Monitoring System, [www.udot.utah.gov](http://www.udot.utah.gov)

POPULATION SOURCE: State of Utah Population Estimates, Demographic & Economic Analysis, [www.governor.utah.gov/dea](http://www.governor.utah.gov/dea)

## Glossary

**Alcohol and Other Drug-Related Crash:** A crash in which the driver was cited for “driving under the influence,” the drug/alcohol test was positive, or if the investigating officer reported drug/alcohol use. Since breath test or blood test results may not always be used to determine a person’s alcohol and other drug content, these crashes may be underestimated.

**Alcohol and Other Drug-Related Fatal Crash:** A crash resulting in one or more deaths and in which the drug/alcohol test was positive for any driver, pedestrian, or bicyclist involved in the crash.

**Contributing Factor:** The circumstances reported by the investigating officer surrounding a crash that contributed to the crash or the crash severity.

**Crash Rate:** Crashes per 100 Million Vehicle Miles Traveled unless otherwise specified.

**Death Rate:** Traffic deaths per 100 Million Vehicle Miles Traveled unless otherwise specified.

**Fatal Crash:** A motor vehicle crash on public roadways resulting in one or more deaths. The death must occur within 30 days of the crash.

**Fatality Analysis Reporting System (FARS):** National data system containing data on all fatal traffic crashes in the U.S.

**Incapacitating Injury:** Any injury, other than a fatal injury, which prevents the injured person from walking, driving, or normally continuing the activities the person was capable of performing before the injury occurred. Often defined as “needing help from the scene.”

**Injury Crash:** A crash in which one or more persons sustained a possible injury, non-incapacitating injury, or an incapacitating injury.

**Motorcycle Crash:** A crash involving one or more motorcycles or mopeds.

**Non-Incapacitating Injury:** Any injury, other than a fatal injury or an incapacitating injury, which is evident to observers at the scene of the crash in which the injury occurred. Examples: bruise, cuts, bloody nose.

**Out-of-State Driver:** A driver licensed from a

state other than Utah who is in a crash. Some of these drivers may reside in Utah, but have not yet applied for a Utah driver license.

**Possible Injury:** Complaint of pain without visible injury.

**Property Damage Only (PDO) Crash:** A crash which results in damage to the motor vehicle or other property but without injury or death to any person.

**Rural:** Counties with 0-100 persons per square mile. Rural counties in Utah are Beaver, Box Elder, Cache, Carbon, Daggett, Duchesne, Emery, Garfield, Grand, Iron, Juab, Kane, Millard, Morgan, Piute, Rich, San Juan, Sanpete, Sevier, Summit, Tooele, Uintah, Wasatch, Washington, and Wayne.

**Seatbelt Use:** Seatbelt use is reported for occupants in a passenger car, light truck, van, SUV, or large truck. Occupants are coded as wearing a seatbelt if they reported using a shoulder/lap belt, lap belt, or a child safety seat at the scene of the crash. Occupants using only a shoulder strap were reported as being unbelted. In the majority of cases, seatbelt use is self-reported by the crash occupant. It is possible that crash occupants may report using a seatbelt when they did not use one. Thus, the seatbelt use rate may be inflated. In the case of fatal or severe injury crashes, the officer determines seatbelt use.

**Speed-Related Crash:** A crash where the driver was charged with a speeding-related offense, the driver exceeded posted speed limits, or if the investigating officer indicated that street racing, driving too fast for conditions, or exceeding the posted speed limit was a contributing factor in the crash.

**Teenage Driver Crash:** A crash involving a driver aged 15 to 19 years.

**Urban:** Counties with more than 100 persons per square mile. Urban counties in Utah are Davis, Salt Lake, Utah, and Weber.

**Vehicle Miles Traveled (VMT):** The number of miles traveled in a year for a given area calculated by the Utah Department of Transportation.